



## GSMauto User's Manual

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#### 1. General options allow to:

- manage vehicles' parking information;
- manage the use of a work car for private trips;
- create necessary reports and send them regularly by e-mail;
- create and manage areas;
- add services for the car fleet and set automatic notifications;
- set the rights according to the profile of an employee.

For managing your car fleet, we will equip all your vehicles with modern GPS navigation devices. Mobile data communications are used to transmit the data, which ensures non-stop data flow and allows to monitor vehicles on the location map.

The data that can always be monitored are speed, stopping, parking and coordinates. This allows you as an entrepreneur to make decisions on how to manage your car fleet even more effectively.

#### 2. How to start

GSMauto user interface is located at <http://www.gsmauto.eu>

Language: English  
Username:   
Password:   
Remember me:   
ENTER  
Log in to older version of GSMAuto.  
You can log in from [here](#)

In order to start using the program, we provide you with initial username and password. The person receiving these properties is, by default, the administrator of the company. In the future, the administrator is authorised to add new users/administrators and manage all rights.

It is recommended to change the password later in the menu Settings>Personal>Change password.

On entering the program, choose preferred language. Later, the language can be changed both on entering the program and in the program menu Settings>Personal>Change the active language.

If you wish the browser to remember the identification data required for entering the program, check the box „Remember me“. Please note that this action weakens the security of your data.

### 3. Settings

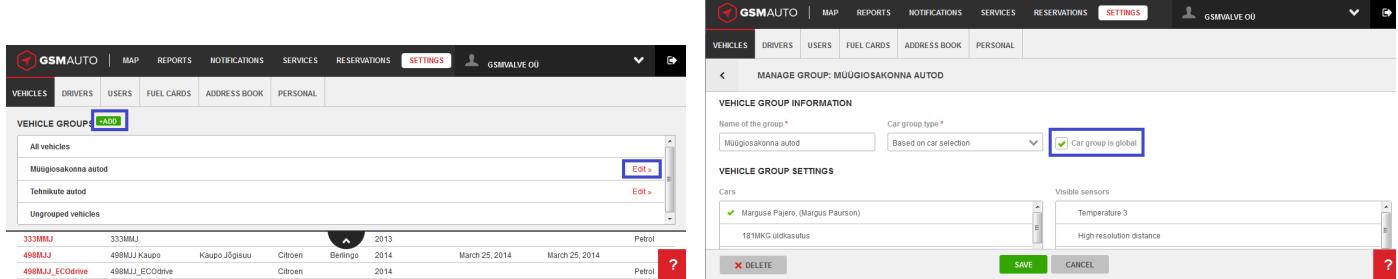
#### Vehicles:

Here, you can manage the technical data of vehicles and create vehicle groups. To manage a vehicle, click on the registration number of the vehicle. You are allowed to give the vehicle a name, determine the time of work trips and private trips, enter leasing information, etc. Vehicle groups are especially useful in those cases in which the user is interested to see the groups of vehicles on the map. It is recommended to create groups if the vehicles are divided based on units or regions.

When creating a vehicle group, first, give the group a name, and then you can see the vehicles that you can add to the group.

If you have previously set a separate sensor (e. g. a temperature detector) for a vehicle, this data can also be displayed on the map.

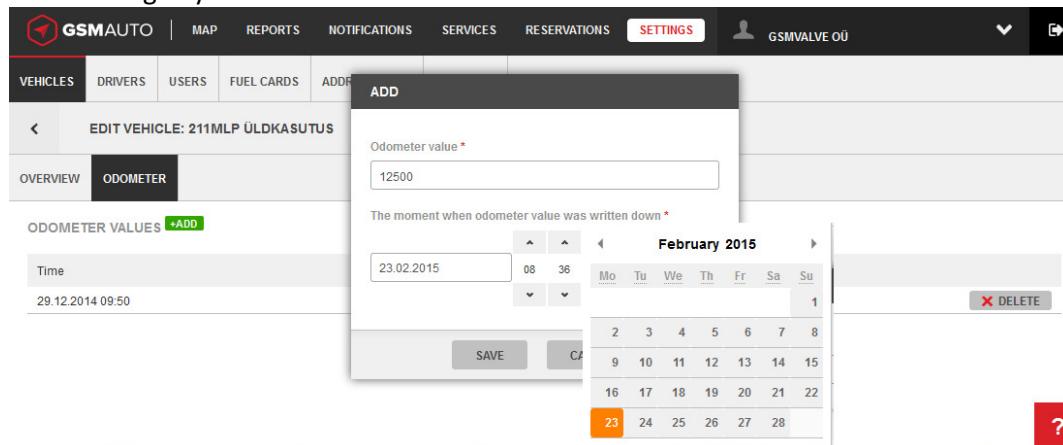
If you still wish to show the created vehicle group to all users of the company, turn on the setting “Car group is global” in the management of vehicles groups.



The screenshot shows two overlapping windows. The top window is titled 'MANAGE GROUP: MUÜGIOSAKONNA AUTOD' and contains a 'VEHICLE GROUP INFORMATION' section with fields for 'Name of the group' (Muügiosakonna autod), 'Car group type' (Based on car selection), and a checked 'Car group is global' option. Below this is a 'VEHICLE GROUP SETTINGS' section with a 'Cars' list containing 'Marguse Pajero, (Margus Pausion)' and '181MKG üldkasutus'. There are also sections for 'Visible sensors' (Temperature 3, High resolution distance) and buttons for 'DELETE', 'SAVE', and 'CANCEL'. The bottom window is titled 'EDIT VEHICLE: 211MLP ÜLDKASUTUS' and shows an 'OVERVIEW' tab selected. An 'ODOMETER' dialog box is open, prompting for 'Odometer value\*' (12500) and the 'moment when odometer value was written down\*'. A date picker shows '23.02.2015' and a calendar for February 2015. Buttons for 'SAVE' and 'CANCEL' are at the bottom of the dialog.

#### Entering the reading of odometer:

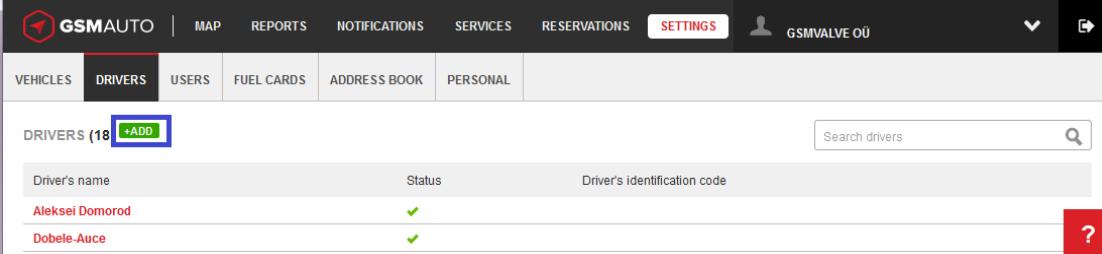
You can add odometer readings under the vehicles' management: Settings>Vehicles>Vehicle's reg. no>Odometer. In order generate the odometer data as correctly as possible in future reports, we recommend renewing the reading of the odometer at least once a month. When calibrating the reading later, the time of the reading under calibration cannot be a part of the period of any trip or joined trips. Otherwise the reading will not match in reports, and the user is forced to delete and re-enter such reading. We recommend to calibrate readings at the beginning or the end of a working day.



This screenshot shows the 'EDIT VEHICLE: 211MLP ÜLDKASUTUS' screen with the 'ODOMETER' tab active. A modal dialog box titled 'ADD' is open, prompting for 'Odometer value\*' (12500) and the 'moment when odometer value was written down\*'. A date picker shows '23.02.2015' and a calendar for February 2015. Buttons for 'SAVE' and 'CANCEL' are at the bottom of the dialog.

#### Drivers:

Here you can add, search and manage the drivers of the vehicles. Using drivers is only necessary if you wish to bind a vehicle to a specific driver. The use of drivers also allows to change the drivers related to trips in reports and generate driver-based statistics. This may be useful when, for example, the main driver of a vehicle is on vacation or the vehicle is being used by another driver for other reasons.



DRIVERS (18) **+ADD**

Driver's name Status Driver's identification code

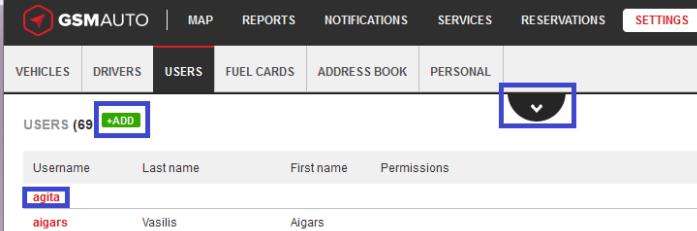
Aleksel Domorod	✓	
Dobele-Auce	✓	

?

### Users and roles:

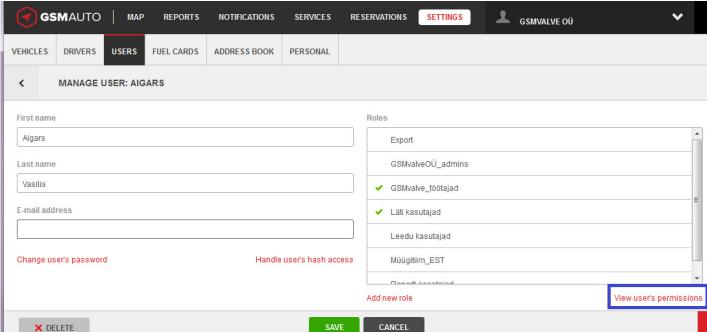
In this menu, you are able to create new users and roles. The rights of each user can be edited in the general view of users by clicking on the name of the user. Then, click on "See user's rights".

The use of roles is recommended when different administration units of the company have different limited rights. For example, the employees of Tallinn sales department can only fill out driving logs and see only those vehicles that are used by them. In order to add a new user, click on the button "+ADD". To create a role, open the box under the menu and, in the box, click on the button "+ADD".



USERS (69) **+ADD**

Username	Last name	First name	Permissions
agita			
aigars	Vasillis	Aigars	



MANAGE USER: AIGARS

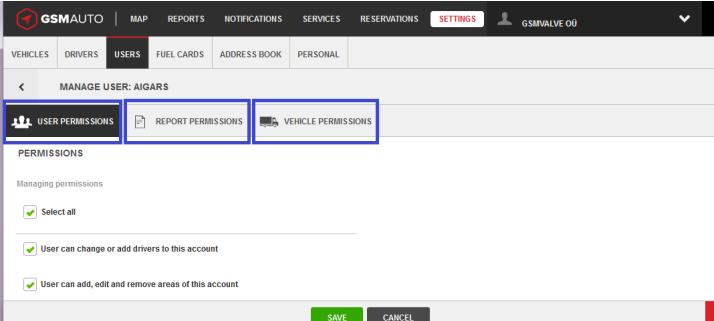
First name: Aigars  
Last name: Vasillis  
E-mail address: [redacted]

Roles

- Export
- GSMValveOÜ\_admins
- GSMValveOÜ\_õootajad**
- Lati kasutajad
- Leedu kasutajad
- Müügiliin\_EST

Add new role View user's permissions

X DELETE SAVE CANCEL ?



PERMISSIONS

Select all

User can change or add drivers to this account  
User can add, edit and remove areas of this account

SAVE CANCEL ?

### Add a new user:

When creating usernames, it is recommended to avoid the combination "first name.last name" or e-mail addresses.

If you also use roles, you can set roles for already created users.

### Settings>Users and roles

By opening the box under the menu and moving to >info and rights, you can set the rights related to the role. The changes can also be saved by clicking on "Enter".

In sub-menus of user rights management you are able to configure:

- the rights of users related to management and display;
- report rights;
- vehicle rights.

If you do not make any vehicles visible to a role, the users in that role will not be able to see any vehicles. If necessary, a single vehicle can be made visible to a user under the user's rights.

The rights set under roles must be deleted also under roles. It is not possible to delete the user's rights that have been previously set under roles.



## Management of access with a user key:

Here, you can give a third party a limited access to our interface. This right is not a default functionality of the account. We will create this option to an account on the basis of the specific request.

The key holder will be able to log in to the program with a generated key. The key enables to give the rights related to display. For security reasons, the rights related to making changes cannot be given to key holders.

First, create a user, and then set the necessary rights for this user. After that select the created user and click on "Handle user's hash access". Set the deadline for the key and transfer the key to the third party who will be the user.

The key is as follows: [http://app.gsmauto.eu/map/?login\\_key=bda082cbs3d3b557a4an1e42195c3943](http://app.gsmauto.eu/map/?login_key=bda082cbs3d3b557a4an1e42195c3943)

In the case you wish to transfer only the key to view the map application, you have to embed the existing key and transfer it as follows:

[http://app.gsmauto.eu/map/embedded/?login\\_key=bda082cbs3d3b557a4an1e31195c3943](http://app.gsmauto.eu/map/embedded/?login_key=bda082cbs3d3b557a4an1e31195c3943)

For example, such key may be useful in the case when a local government body wants to present on its web page the vehicles that serve public interest.

The screenshot shows two windows side-by-side. On the left, the 'MANAGE USER' screen for 'GSMTEST' is displayed. It includes fields for First name (GSM töötajad), Last name (demovad), and E-mail address (empty). There are buttons for 'Change user's password' and 'Handle user's hash access'. The 'Handle user's hash access' button is highlighted with a blue border. On the right, a modal window titled 'HANDLE USER'S HASH ACCESS' provides instructions on how to use the generated key and sets a date limit (09.01.2016) for its validity.

## Fuel cards and data import

The solution is provided in the case your company has previously made an agreement with us on the principles of importing fuel receipt files. Before viewing the data, the fuel cards must be related to a vehicle or a driver in the menu Settings>Fuel Cards. Cards can be created in the system manually by clicking "+Add" or automatically by importing the first file.

The screenshot shows two main sections. The top section displays a list of fuel cards with columns for Number, Owner, Retail chain, and Card expiry date. The bottom section shows a 'TRIP DIARY OVERVIEW' with a 'NEW REPORT' button, an 'IMPORT FUEL TANKING DATA' button, and a summary of trip statistics: Confirmed trips (0 0%), Trips with driver (1013 36.9%), and Trips with comment (11 0.4%).

The files of fuel stations can be imported in the menu "Reports". First, open the box, and then click on the button "Import fuel tanking data".

After the first file is imported, we will generate in the system automatically all fuel cards in the file. After that you can relate the cards to a vehicle or driver, respectively. Relating the cards is obligatory for transferring the correct data to reports.



After the file is uploaded, check the content of data fields and, if necessary, select from the drop down menu the right content and ignore unnecessary fields (select "Unspecified"). The obligatory fields are "Purchase date", "Purchase time", "Card number", "Litres" and "Total in original currency".

Only files in CSV format can be uploaded. If the file format is not accepted, please send the file to us for inspection.

Card as embossed	Invoicing customer	Station Name	Purchase date, time									
7105770001640090	8412813	9112	Neste Laagri	04.04.2014 08:16	8774	3433637	1	EUR	8	47.02	59.06	59.34
7105770001640090	8412813	9120	Neste Vesse	09.04.2014 08:44	893	3433637	1	EUR	8	42.89	54.6	54.86
7105770001640090	8412813	9119	Neste Kadaka	11.04.2014 10:43	5995	3433637	1	EUR	8	34.12	42.55	42.75
7105770001640090	8412813	9155	Neste Luige	17.04.2014 08:20	2150	3433637	1	EUR	8	51.72	65.84	66.15
7105770001640090	8412813	9120	Neste Vesse	23.04.2014 14:56	1878	3433637	1	EUR	8	51.61	66.22	66.53
7105770001640090	8412813	9119	Neste Kadaka	30.04.2014 11:56	8270	3433637	1	EUR	8	51.00	62.88	63.19

The system will remember the settings, which means that you have to set the fuel station data only once. But first, tanking-based reports for fuel cards must be generated on your desktop. In order to generate such reports, select the report type "Fuel card data" and, for the main data. select either "Tanking with fuel cards" or "Fuel cards". As a result, a vehicle-/card-based report or an aggregated report will be generated.

As an additional information, the reports will display average fuel consumption, the distance travelled from the last tanking point and the name of the fuel station. The name of the fuel station will be displayed if, at the time of tanking, the vehicle was located in the fuel station known to us.

NB: We recommend to use the web-based solution in the case when your company uses the fuel cards of one fuel-station chain.

#### Address Book:

Setting contacts is necessary, if, in the future, you wish to send notifications to users. Here, you are able to add and manage the contacts of users.

CONTACTS (11)						+ADD
Contact's name	E-mail	Phone				
Aigars Z.	zztop@zztop.com					



## Settings>Personal


MAP REPORTS NOTIFICATIONS SERVICES RESERVATIONS
SETTINGS
GSMVALVE OÜ

---

VEHICLES
DRIVERS
USERS
FUEL CARDS
ADDRESS BOOK
**PERSONAL**

### PERSONAL SETTINGS

Switch active language
English
▼

---

**Default account \***

GSMValve OÜ
▼

**First name**

**Default map layer**

Google Streets
▼

**Last name**

**Default date and time format \***

31.12.1999 23:59
▼

**E-mail address**

Display help texts

Should we show ungrouped cars on pages?

Should we show all cars as a group on pages?

Do you want to keep inactive cars and drivers hidden?

Do you want to show empty car groups?

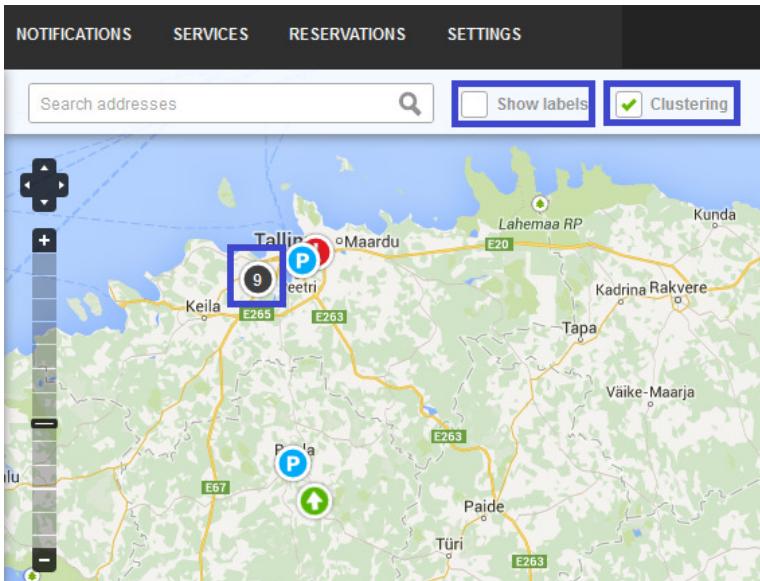
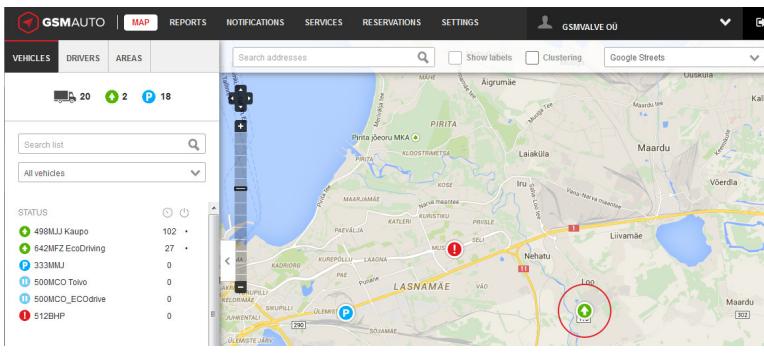
Change your password

SAVE
CANCEL
?

Here, users are able to configure their personal settings. For example, if you have viewing rights for the accounts of several companies, this is where you can choose the default account for when the program is opened. You can switch companies in the upper right corner of the menu bar. Here, you can also set a default map layer, switch active languages and change your password.

## 4. Map

In the map view the whole car fleet is seen in real time. On the left, there are vehicles you can manage, on the right, the location of a vehicle on the map, and the direction and the status of the vehicle are shown. Vehicles are sorted by their status. First, vehicles on the move are shown, then parking vehicles, etc. If you have already created vehicle groups, you can select them above from the drop-down menu of vehicles.



## Status meanings:

Green „arrow“- Moving vehicle and driving direction.

Blue „P“ – Parking. Vehicle has stopped, ignition is out.

Blue “II” – Idle time. Vehicle’s ignition is in, the motor is running.

Red „!“ – Possible breakdown of a device or electric circuit. Also, the device can be out of reach or has not sent the information on its location for at least 15 minutes.

By configuring the function „Show labels“, the icon is displayed with vehicle's and driver's names. By choosing the function „Clustering“, nearby vehicles are displayed under one icon. By moving the cursor over the icon, the list of vehicles under the icon is displayed. The vehicles under the icon will also be displayed on the map if you zoom in the map. This function is the most useful if you have a large car fleet.

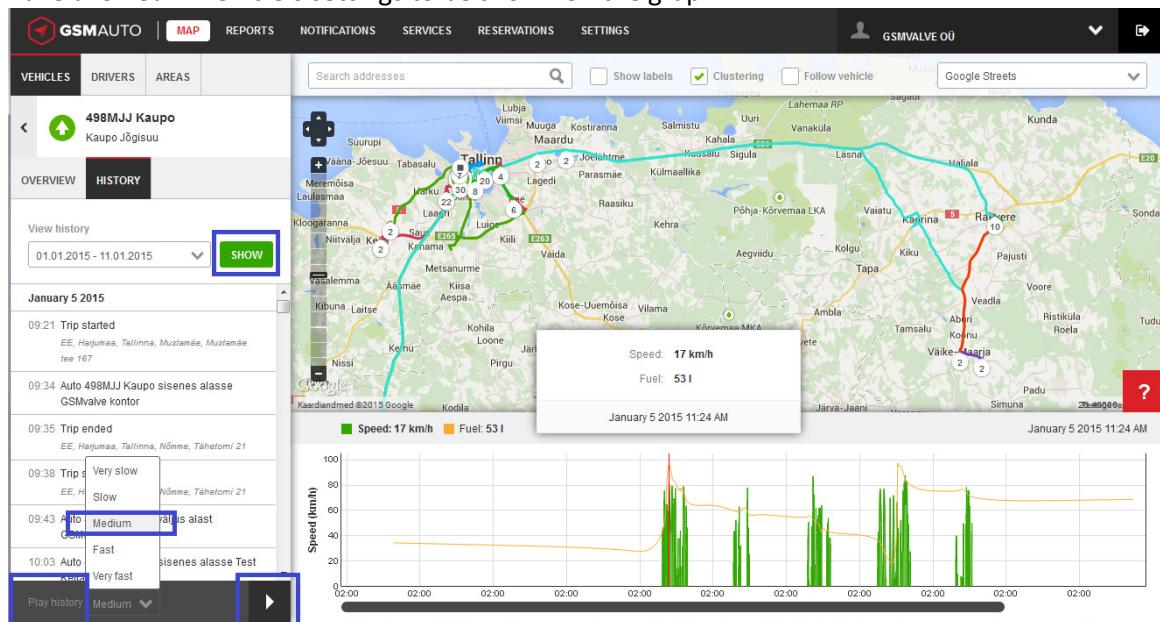


## History reconstruction:

It means the possibility to reconstruct trips on the map. In order to reconstruct a trip, choose in the map view the vehicle you wish to reconstruct. Then, select the period of reconstruction. Click on the button "Show". Now, you will see the chosen trip for the chosen period on the map.

Once the data has been loaded on the map, it is possible to replay the trip. In order to do so, click on the square button with a triangle. If you need to, you can change playback speed, pause the playback, and play it again.

In the bottom of history reconstruction page there is a graph showing those sensors (in this case "fuel") that you have allowed in vehicle's settings to be shown on the graph.



## Areas:

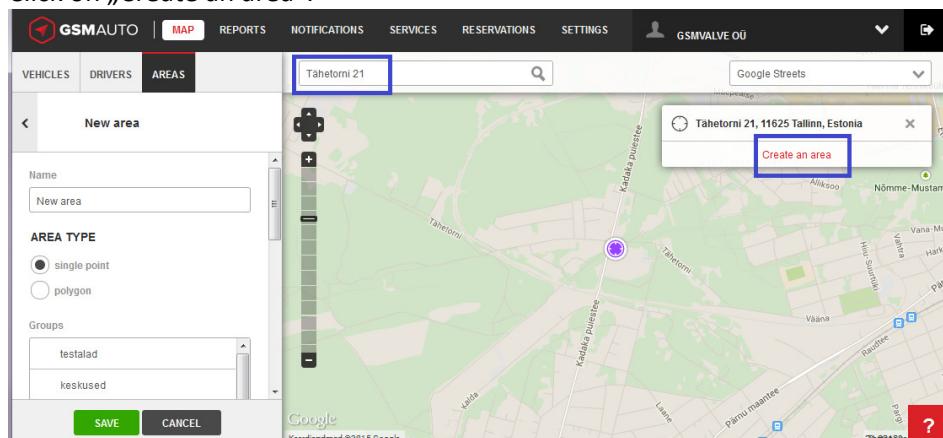
This is a tool of GSMauto application which enables to locate on a map a geographical area with certain pre-configured activities performed when entering (or leaving) it. For example, you can determine to which vehicle the area is assigned and what happens if the vehicle enters or leaves the area.

If you want to get more accurate information about what is going on in created areas, we suggest you prepare a report containing the data of these areas. It is also recommended to set notifications of the traffic taking place in the areas. If there are lots of areas, the creation of area groups is also possible.

You must have the rights to manage areas. If, for some reason, you do not see required areas, contact the administrator of the user interface.

### Creating a new area:

First, go to the menu Map>Areas. The easiest way is to create the area by an address. Enter the required address. Click on „Create an area“.





Enter the name of the area to be created (default address). Then, choose the type of the area. Depending on the purpose of the area to be created, you can choose between the spot or the polygon area. The information regarding the traffic in the areas can be used in reports or notifications. To do that, choose the necessary information on the bottom of the page in section „Use area“. Then, save the area. In order for the traffic in the areas to reach the reports, you must set area-based notifications in the menu "Notifications" to be used within the system. Also, the data fields related to respective areas must be configured in the reports first.

If there are lots of areas, you can create area groups, too.

Areas can be deleted by clicking „Manage“ and „Delete“ behind area's name.

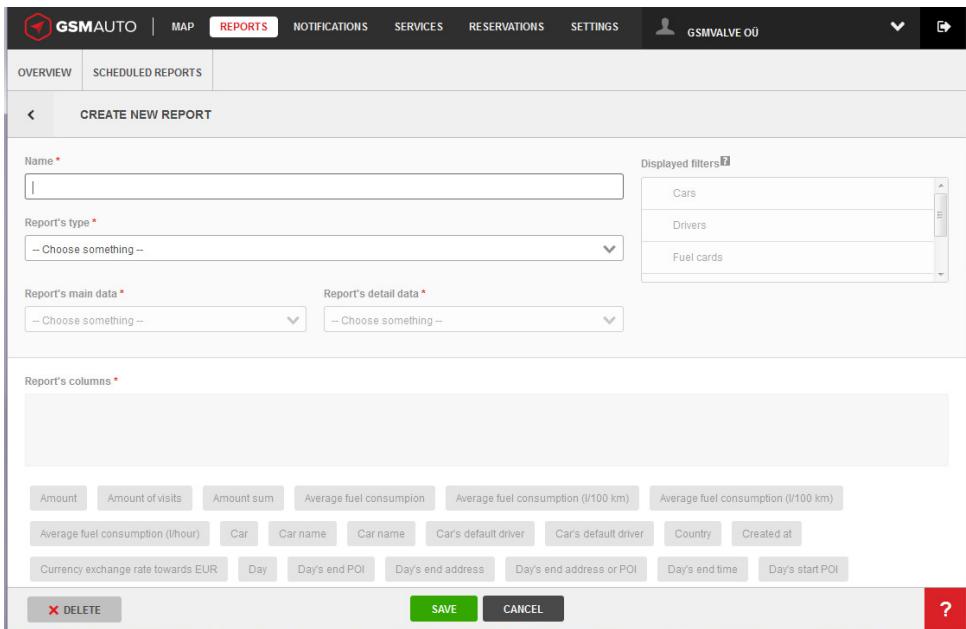
## 5. Reports

The Reports Menu enables you to generate per-trip driving logs as well as reports based on consolidated or fuel reports. The data of all reports can be exported to PDF, XLS, and CSV formats.

For immediate use, we have prepared standard reports for your desktop. If you would like to change the content of a report, click on “Manage” in the report box. If you have the required authorization, you can change the positions of data fields in reports, add new data, and remove data. Also, depending on your authorizations, you can delete and add new reports.

Create a new report:

Click on "New Report". Then, narrow the options of data upon which the report is being created.



#### Report's type:

- Trip data: Displays only the data related to the trips of the vehicle
- Sensor data: Displays only the data related to sensors
- Area based events data: Displays the data related to areas
- Imported fuel tanking data: Displays the data related to fuel cards

#### Reports's main data:

- Cars: Displays the data related to vehicles
- Drivers: Displays the data related to drivers
- Trips: Displays the data related to trips
- Input / Output periods: Displays the data related to sensor switching, e. g. the time and address of switching.
- Data summed by days: Enables to create aggregated reports on daily basis
- Refuelings: Displays the data related to tanking. Used on creating fuel reports
- Data read from sensor inputs: Enables to present sensor data in graphical form. The sensor data may be supply voltage, temperature, fuel or an sensor configured as a special solution.

#### The detailed data of reports:

- Summed Input / Output periods data: Used, if additional sensors are activated as a special solution.
- Summed area events data: Used, if one wishes to see for how long was a vehicle in the area and how many times the area was entered into.
- Trip columns: Use as a default option for showing aggregated data of vehicles.

#### Displayed filters:

- Vehicles: Displays the data related to selected vehicle.
- Drivers: Displays the data related to selected driver.

A report can include both filters, too. Depending on a given report, other filters may also be available.

#### Report's columns:

According to previously made selections, in the lower edge of the page only those data columns will be displayed on the basis of which report data can be generated. The desired data must be dragged to the data box displayed above data fields. Columns can be relocated and, if necessary, dragged back to desktop.

#### Select default period of reports:

Here, you can set the default period of the report the data on which is required. The period can also be changed before the report data is generated.

## Driving log management:

In traditional driving log reports user can perform the following actions, depending on configured rights:

### Join trips:

We recommend to use the joining of trips in extreme cases because all joined trips will thereafter be marked as hidden. This function is mainly used in the case when, for example, there is an unplanned stop on the route which does not change the actual purpose of the trip.

When joining trips, first, select (mark off) those trips in the report that you wish to join. Then select from the lower edge of the report the option "Join trips", and, in order to confirm, click "Change selected trips". You can join only consecutive trips.

### Adding comments:

It is possible to add single comments in the report; however, one comment can be added to all trips as well.

If the comments to be added are standardized, you can create a drop-down menu out of them, which makes it easier to process the reports later. In order to do that, additional fields of the reports must be used. Additional fields and the rules associated with the fields can be configured in the section of additional fields on the reports page. When an additional field is added to the report, you can give values to this field from drop-down menu both for single and multiple trips.

### Type of trip:

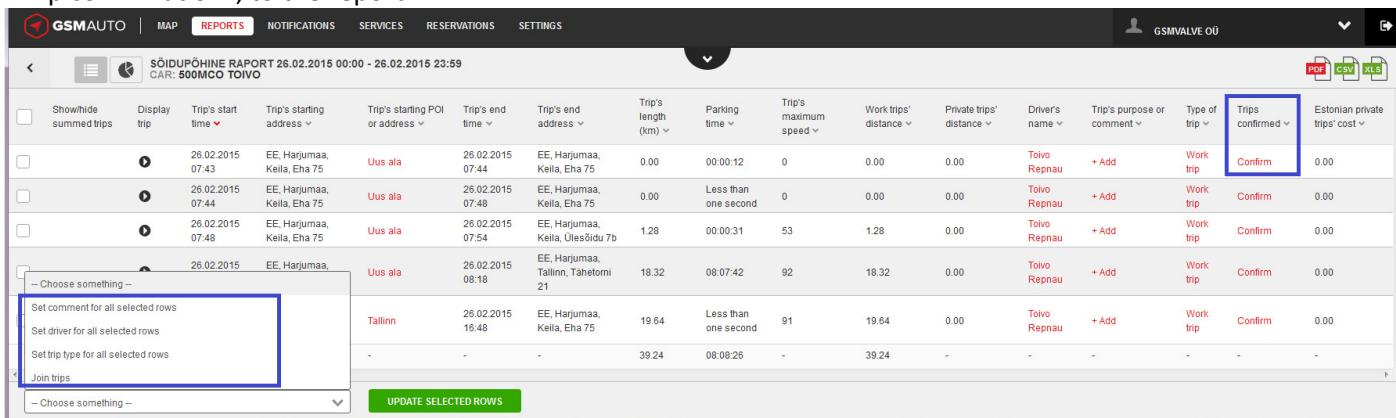
In the case when all trips of the selected period are work trips or private trips, a unified trip type can be set for all trips in the lower part of the report. A trip type for a single trip can also be set.

### Confirmation of trips:

The main purpose of confirmation of trips is to produce preliminary information for an accountant, for example, who can make calculations based on confirmed trips and archive such reports as trips confirmed by drivers.

Confirmation of trips is the last operation in filling in the log. All other operations with the report must always be performed beforehand.

It is recommended to confirm trips under the multiple principle. First, tick all trips and then select in the log under additional tools block "Confirm all selected rows". Now, the statuses of all trips are "Confirmed". The trips can be confirmed one-by-one, too. If anything goes wrong, you can reopen the trips by marking off the trips again and selecting "Reopen all selected rows". A precondition for confirmation of trips is adding a respective data column, "Trip confirmation", to the report.



The screenshot shows a web-based application for managing driving logs. At the top, there's a navigation bar with links for MAP, REPORTS (which is currently selected), NOTIFICATIONS, SERVICES, RESERVATIONS, and SETTINGS. On the right side of the header, there's a user profile icon and the text 'GSMVALVE OÜ'. Below the header, the main content area has a title 'SÖIDUPÖHINE RAPORT 26.02.2015 00:00 - 26.02.2015 23:59' and a subtitle 'CAR: 500MCO TOIVO'. There are download buttons for PDF, CSV, and XLS. The main table lists several trips with columns for trip details like date, time, start address, end address, length, speed, and driver, as well as trip status and type. A blue box highlights the 'Trips confirmed' column. At the bottom left of the table, there's a dropdown menu with options: 'Set comment for all selected rows', 'Set driver for all selected rows', 'Set trip type for all selected rows', and 'Join trips'. A green button at the bottom of the table says 'UPDATE SELECTED ROWS'.

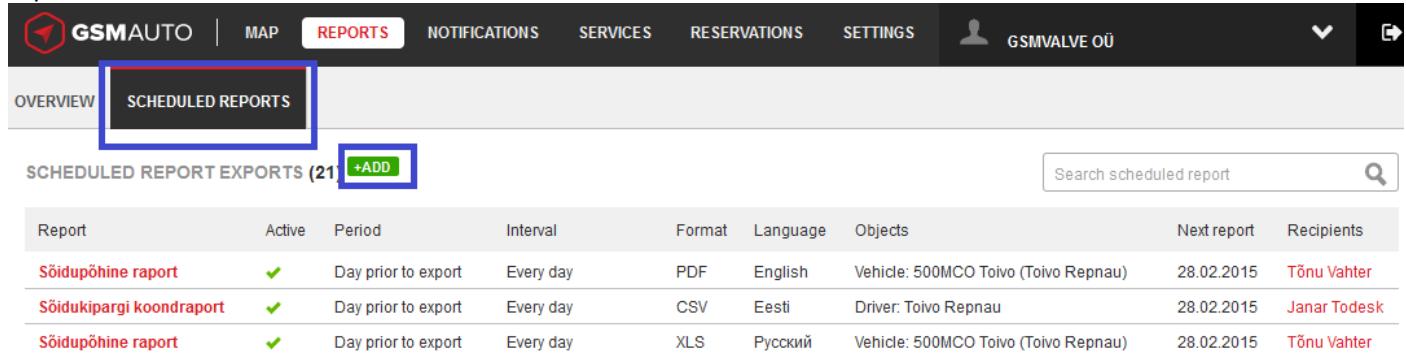
<input type="checkbox"/> Show/hide summed trips	<input type="checkbox"/> Display trip	Trip's start time ▾	Trip's starting POI or address ▾	Trip's end time ▾	Trip's end address ▾	Trip's length (km) ▾	Parking time ▾	Trip's maximum speed ▾	Work trips' distance ▾	Private trips' distance ▾	Driver's name ▾	Trip's purpose or comment ▾	Type of trip ▾	Trips confirmed ▾	Estonian private trips' cost ▾
<input type="checkbox"/>	<input checked="" type="checkbox"/>	26.02.2015 07:43	EE, Harjumaa, Keila, Eha 75	Uus ala	EE, Harjumaa, Keila, Eha 75	0.00	00:00:12	0	0.00	0.00	Toivo Repnau	+ Add	Work trip	Confirm	0.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	26.02.2015 07:44	EE, Harjumaa, Keila, Eha 75	Uus ala	EE, Harjumaa, Keila, Eha 75	0.00	Less than one second	0	0.00	0.00	Toivo Repnau	+ Add	Work trip	Confirm	0.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	26.02.2015 07:48	EE, Harjumaa, Keila, Eha 75	Uus ala	EE, Harjumaa, Keila, Ulesõidu 7b	1.28	00:00:31	53	1.28	0.00	Toivo Repnau	+ Add	Work trip	Confirm	0.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	26.02.2015	EE, Harjumaa, Keila, Eha 75	Uus ala	EE, Harjumaa, Tallinn, Tahetomi 21	18.32	08:07:42	92	18.32	0.00	Toivo Repnau	+ Add	Work trip	Confirm	0.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	— Choose something —	Set comment for all selected rows		Tallinn	19.64	Less than one second	91	19.64	0.00	Toivo Repnau	+ Add	Work trip	Confirm	0.00
<input type="checkbox"/>	<input checked="" type="checkbox"/>	— Choose something —	Set driver for all selected rows			39.24	08:08:26	-	39.24	-	-	-	-	-	-
<input type="checkbox"/>	<input checked="" type="checkbox"/>	— Choose something —	Set trip type for all selected rows												
<input type="checkbox"/>	<input checked="" type="checkbox"/>	— Choose something —	Join trips												

## Scheduled reports:

You are able to periodically order reports located on your desktop to e-mails. Scheduled reports can be ordered by a user who has the right to manage reports.

To order a report, go to report menu's sub menu "Scheduled reports". In order to add a new report, click on the button "+ADD". Then, complete the following options. Select the desired report, language and format (PDF / XLS / CSV). In addition, choose the frequency of sending, the data period and e-mail address to which the reports will be sent. The e-mail addresses must be previously entered to the address book "Settings>Address Book".

Depending on the type of the report, you can select from the list the vehicles for which you wish to receive periodic reports.



Report	Active	Period	Interval	Format	Language	Objects	Next report	Recipients
Söidupõhine raport	✓	Day prior to export	Every day	PDF	English	Vehicle: 500MCO Toivo (Toivo Repnau)	28.02.2015	Tõnu Vahter
Söidukipargi koondraport	✓	Day prior to export	Every day	CSV	Eesti	Driver: Toivo Repnau	28.02.2015	Janar Todesk
Söidupõhine raport	✓	Day prior to export	Every day	XLS	Русский	Vehicle: 500MCO Toivo (Toivo Repnau)	28.02.2015	Tõnu Vahter

## 6. Notifications

Here, you can add notifications necessary for the fleet. For example, you can create area-based or speed exceeding notifications.

Area notifications are needed if you want to know when a vehicle entered or exited an area. Status notifications may be necessary if a GPS device stops sending us data: you will immediately receive a corresponding message. Sensor based notifications may primarily be necessary if, for example, you want to keep an eye on sudden drops in the amount of fuel in the tank. Sensors include speed, fuel and temperature sensors, etc.

### New notification:

Click "+ADD" in the notifications menu.

If you have already entered several notifications, you can create new notification on the basis of a previously entered notification. Such quick selection is not compulsory.

### Explanatory text "Message":

Enter all the required information about which you want to receive a notification, e.g., vehicle registration number, area or vehicle's driver. Only the information entered here will be sent to the recipient of the notification.

### Select notification trigger "Sensor":

For example, the most common sensors are "speed" and "fuel". In the case of speed, notifications about exceeding the speed limit are generally used; in the case of fuel, notifications about sudden drops in the fuel level in the tank (theft).

### Select "Vehicles" included in the notification:

Also, multiple vehicles can be included in the notification.

### Select "Trigger condition":

Allows receiving a notification in the case of an increase or decline in the sensor value.

### Enter "Trigger value":

Enter the number that you will set as the limit for receiving a notification. For example, if you enter the number 120 in this field for notifications regarding exceeding speed limits, we will send you a notification when the speed of the vehicle exceeds 120 km/h.

### If necessary, select "Notification delay":

This option should be used if a change in the value does not necessarily immediately mean a problem. For example, if exceeding the speed limit momentarily is not relevant to you in the case of speeding.

### Select "Notification method":

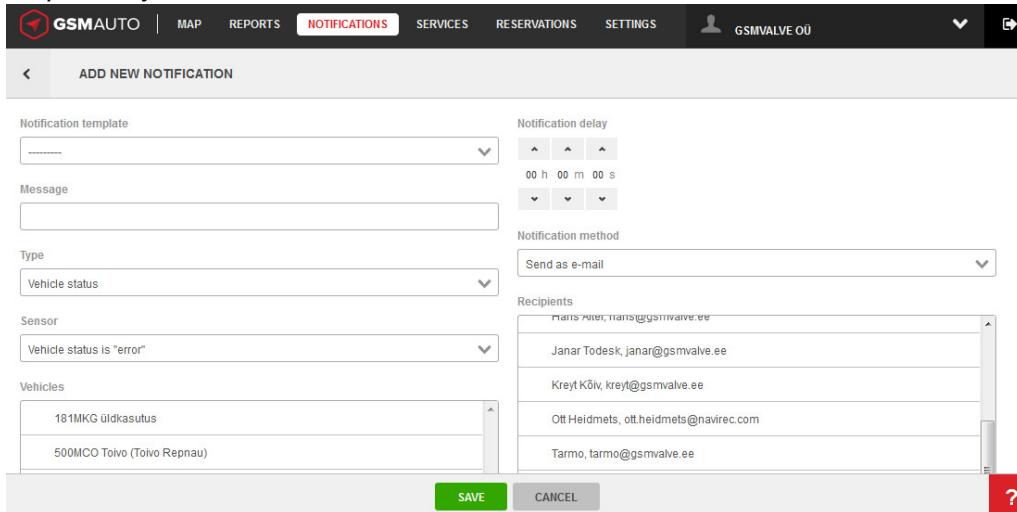
Notifications can be received by e-mail or SMS.

Select "Recipients":

Enter the recipients of the notification here. If there are no message recipients in our list yet, you can create them by clicking "Add new contact".

The notifications are sent by email or SMS.

NB: The notifications module generates notifications in real time according to the occurred events. Sending an SMS may be subject to a fee!



## 7. Services

The services module enables to set necessary services for vehicles, along with deadlines for the works. You can also set notifications for upcoming service works here.

You can add several different services to a vehicle, for example, based on kilometres, odometer readings, or dates.

New service:

Click "+ADD" in the services module menu.

First, enter the name of the service. The name will be displayed in services view as the title of the service. Then, choose the vehicle you wish to enter the service for.

Select "Interval's type":

- Mileage: the time of the next service is calculated on the basis of kilometres travelled;
- Odometer value: the time of the next service is calculated on the basis of the odometer reading;
- Date: the time of the next service is calculated on the basis of the deadline of the entered service;
- Engine (work hours): the time of the next service is calculated on the basis of entered work hours.

Select "Service interval":

If you have previously selected the type of service interval, enter in the field of service interval the following information:

- "Mileage", enter the run until the next service;
- „Odometer value“, enter the reading of odometer;
- „Date“, select from calendar the final date of service;
- „Engine (work hours)“, enter the standard hours of the service interval.

Select "Notification threshold":

- Depending on the type of the service, in the drop-down menu you can choose how many kilometres/days prior the notification will be sent.

Notification text:

Enter all the required information about which you want to receive a notification. For example, the registration number of a vehicle, a driver or the contents of the service. Only the information entered here will be sent to the recipient of the notification.

Select "Notification delivery method": Notifications can be received by e-mail or SMS.



Select „Recipients“: Enter the recipients of the notification here. If there are no contacts in the list, you can add them by clicking "Add new contact".

The screenshot shows the 'ADD SERVICE' page. On the left, under 'VEHICLE AND SERVICE DETAILS', there is a 'Name' field containing 'Next service 211MLP', a 'Vehicle' dropdown set to '211MLP üldkasutus', and a date range selector for 'Service interval' from '31.12.2015' to 'One day'. A calendar for December 2015 is displayed, with the 31st highlighted in orange. On the right, under 'MESSAGE AND RECIPIENTS', there is a 'Notification text' field with 'Next service' typed in, a 'Notification delivery method' field with 'Send as e-mail' selected, and a 'Recipients' list containing four entries: Edgar, edgar@gsmvalve.ee; Hans Alter, hans@gsmvalve.ee; Janar Todesk, janar@gsmvalve.ee; and Kreyt Kölv, kreyt@gsmvalve.ee. At the bottom are 'SAVE' and 'CANCEL' buttons.

#### Services overview:

In the services overview you can track the upcoming service graphically. If the service is overdue, the service line is shown red. The yellow line designates the upcoming service.

If you wish to mark services as performed, or add to a performed service another service of the same type, click on the green "tick" behind the service and perform the necessary procedures.

The screenshot shows the 'SERVICES' overview page with 8 items listed. Each row contains information about a service: Service name, Vehicle, Driver, Notification recipients, Type, Service interval, and Status. The status column includes a progress bar and a checkbox. Most services have a green progress bar and a checked box, except for one which has a red progress bar and a checked box, indicating it is overdue.

Service	Vehicle	Driver	Notification recipients	Type	Service interval	Status
Vee üks kirelt aeguv Kaupo auto 498MJJ hooldus	498MJJ Kaupo	Kaupo Jõgisuu		Mileage	500 km	<div style="width: 80%;">406 km</div> 94 km <input checked="" type="checkbox"/>
Kirelt aeguv 500MCO Tolvo auto hooldus	500MCO Tolvo	Tolvo Repnau		Mileage	30000 km	<div style="width: 60%;">19114 km</div> 10886 km <input checked="" type="checkbox"/>
Korratine 500MCO Tolvo auto hooldus	500MCO Tolvo	Tolvo Repnau	Tõnu Vahter	Date	31.01.2015 00:00	<div style="width: 0%;">Exceeds by 3 weeks, 6 days</div> <input checked="" type="checkbox"/>
New service	500MCO Tolvo	Tolvo Repnau	Ott Heidmets	Mileage	10000 km	<div style="width: 90%;">9021 km</div> 979 km <input checked="" type="checkbox"/>
New service	500MCO Tolvo	Tolvo Repnau	Ott Heidmets	Mileage	10000 km	<div style="width: 90%;">9021 km</div> 979 km <input checked="" type="checkbox"/>
Test	500MCO Tolvo	Tolvo Repnau	Ott Heidmets	Mileage	700 km	<div style="width: 10%;">620 km</div> 80 km <input checked="" type="checkbox"/>

If you do not have any contacts in our data base yet, you can add them during entering the services by clicking "Add new contact" under the recipients section.

NB: The services module generates notifications once a day.

## 8. Reservations

The reservations module enables to reserve the vehicles that are in general use. The detailed reservation information is now sent directly to the report, which means that the person making reservation does not have to specify the purposes of his/her trips in the driving log. The module is based on the rights. Therefore, the visibility of this menu may depend on whether the service provider has activated the module or whether the user has been given the right to "Manage reservations".

#### General view:

In the general view, users can see the vehicles he/she has the right to see. If a user has previously grouped the vehicles, the same groups will be shown in the reservations module. By default, the calendar displays the current date. The calendar view can be easily changed to display weekly or monthly view.

Adding, changing and deleting new reservations:



To add a reservation, open the box under the main menu. There, continue with entering detailed information. It means: Vehicle's name, Driver's name, Period, Trip's type and Comments.

To save the reservation, click on "Save".

You can change and delete the existing reservation by clicking on the reservation. Then, a window for making changes opens. Make the necessary changes in the reservation or click on "Save" or "Delete". It is allowed to delete only the reservations up to this date. Reservations that are already in the past cannot be deleted.

Reservations can be made within 15-minute accuracy. The Driver, Trip's type and Comments related to the reservation will be automatically saved in the report. However, the according data fields must be configured in the report, first.

The reservation will reach the report if the user started the trip exactly at the beginning of reservation time or during the reserved time.

To leave the program, always log out of the system by using the button "Log out" behind you username.

The screenshot shows the GSM AUTO software interface. At the top, there is a navigation bar with links for GSMAUTO, MAP, REPORTS, NOTIFICATIONS, SERVICES, RESERVATIONS (which is currently selected), and SETTINGS. Below the navigation bar is a search bar with dropdown menus for VEHICLES and DRIVERS, and a date selector showing 'TODAY 01/21/2015'. To the right of the date selector is a dropdown menu with a blue border around it. The main area displays a grid of vehicle status information. A specific row for '181MKG üldkasutus' is highlighted with a red vertical bar. A tooltip window for this vehicle shows details: 'Ilona' and 'Meeting Tihetorni 21, Tallinn'. Another tooltip window for 'ILONIA' shows: 'Period: Jan 21, 3 - 6 PM', 'Comment: Meeting Tihetorni 21, Tallinn', and 'Trip's type: Work trip'. At the bottom right of the grid, there is a yellow button labeled 'Mart Nool ...'.

## 9. Mobile version

The main function the mobile version features is the movement of vehicles on the map in real time.

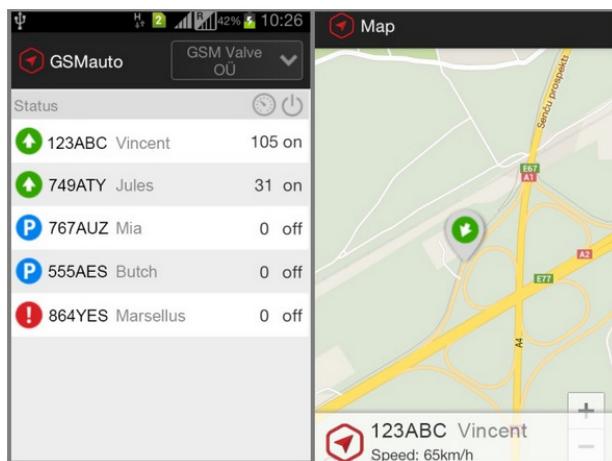
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<https://itunes.apple.com/ee/app/gsmauto.eu/id728307070?mt=8&ign-mpt=uo%3D4>



We wish you much success using GSMAuto!

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